This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

@PFDeskiop\::ODMA/MHODMA/IMANAGE;432096;1

PATENT APPLICATION
Docket No.: 0838.2003-001
STATI IS ANIC: 5

STATUS AND ENTITY BRANCH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Garner T. Haupert, Jr. and Steven R. Gullans

2014 MAR 31 PM 12: 51

Serial No.:

10/601,184

Group Art Unit:

1645

Filed:

June 20, 2003

Examiner:

Not assigned

Confirmation No.:

6779

For:

Biosynthesis of HIF



CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Services with sufficient postage as First Class Mail in an envelope addressed ar Commissioner for Prizents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being the smile transmitted to the United States Patent and Trademark Office on:

3-18-0

ignature

ate

Typed or printed name of person signing certificate

TRANSMITTAL OF SMALL ENTITY STATEMENTS AND REQUEST FOR REIMBURSEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please file the enclosed Small Entity Statement for The General Hospital Corporation and the Small Entity Statement for Brigham and Women's Hospital in the above-identified patent application.

Applicant's Attorney respectfully requests a reimbursement of \$649, one-half of the total fees paid on December 22, 2003, to be deposited in Deposit Account No. 08-0380.

This request is made within the three-month period allowed for such reimbursement.

A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

Anne J. Collins

Registration No. 40.564

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: Mar ch 18, 2004

STATEMENT CLAIMING SMALL ENTITY STATUS



DOCKESTANDE AND ENTER

(37 CFR L27(a))-NONPROFIT ORGANIZATION	MADEM
Applicant or Patentent Grover f. Hounest Jeannet	Signed & Gillans 2004 MAR 3 L PN 12: 51
Application of Valent Rod, 10/09/1481	
Tide: Physiological of Diff.	
Thereby state that I am an official empowered to not on b NAME OF NORPHOLIT ORGANIZATION _	Brighan and Women's Inspirat
ADDRESS OF NONPROFIT ORGANIZATIO	Bozion, MA 02115
TYPE OF NONPROFIT ORGANIZATION:	
1 NONPROTT SCIENTIFIC OR EDUCA	ON OPTIGHER PROJECTION VENUE SERVICE CODE (26 U.S.C.501(ii) and 501(c)(3)) TIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA
(CUATION OF STATUTE	UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3)). II
	CHNTING ON CHUCATIONAL UNDER STATUTE OF STATE OF THE UNITED IN TREUNITED STATES OF AMERICA
(NAME OF STATE	
I hereby state that the norprofit organization ideal purposes of paying reduced fees to the United States Pat	illied above qualifies as a nonprofit organization as defined in 37 CFR 1.27(a)(3) for ent and Trademark Office regarding the invention described in:
[] the specification filed herewith whit title	as listed above.
(X) the application identified above the patent identified above.	
identified invention. If the rights held by the nonprofit	have been conveyed to and romain with the nonprofit organization regarding the above organization are not excludive, each individual, concern, or organization having rights in the assmall callibus. No rights to the invention are held by any person who would not qualify as shell would not qualify as shell business concern under 37 CFR 1.27(a)(2) or a nonprofit
touch additional person, concern, or organization	having any rights in the invention is listed below:
no such person, concern, or or anization N carle such person, concern, or organization	(XISM)
The General Ho 55 Fruit Street Boston, MA 02	spital Corporation
	the state of the state of the state of children to small county
r actional due the day to file, in this application status prior to paying, or at the time of paying, the earlies to no longer appropriate. (17 CFR 1.77(a)(2))	or parent, notification of any change in status resulting in loss of entitlement to small entity est of the lastic fee or any maintenance fee due after the date on which status as a small entity
	BRIAN N. HICKS Director
NAME OF PERSON SIGNING	Corporate Sponsprey
THE IN ORGANIZATION OF PERSON SIGNING	Research and Licensing
AMURESS OF PERSON SIGNING	
- King 1 1 1 1	DATE 2/17/04
SIGNATURE:	
girefyedsoperCDATA/MIGHMAAHBSR05pManage;	45209441





2'9 W

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trudemark Office Address COMMISSIONER FOR PATENTS P. Dex 1450 Alexandria, Viginia 72313-1450 www.usplo.gov

APPLICATION NUMBER 10/601,184

G OR 371 (c) DATE 06/20/2003

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

Garner T. Haupert JR.

0838.2003-001

021005

HAMILTON, BROOK, SMITH & R 530 VIRGINIA ROAD P.O. BOX 9133

CONCORD, MA 01742-9133

CONFIRMATION NO. 6779

FORMALITIES LETTER

OC000000011057287

Date Mailed: 10/20/2003

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

12/30/2003 JADBO1

00000091 10501184

FILED UNDER 37 CFR 1.53(b)

figlustment date: 04/09/2004 JADD01 01 FC:1001 02 FC:1051

/09/2004 SDIRETA1 00000091 10601184 -770.00 DP

)1 FC:1001 13 FE:1251

139:88 BB

Filing Date Granted

03 FC:1201

-130.00 DP -344.00 OP

-54.00 DP

4 FC: 120 tems Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing. Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Regin. Ref: 04/09/2004 SDIRETAL 0008140600 Hame/Humber:10601184 DAH: VOV36V \$649.00 CR

FC: 3204

04/03/2004 BDIRETA1 00000004 10601184

01	FC:2001	385.00	OP
		7C AA	nn.
02	FC:2051	65.00	U٢
		. BT 66	nn
	50.0000	. 27.00	uР
	ruiceve		
	LV VVVI	172.00	ΠD
V٩	LPICENT	171.70	υr